Approved For Release 2006/09/10 : CIA-RDP78B03817A000600030044-8

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Excluded from automatic downgrading and declassification

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1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	PART 2		orá.		71	
UNIT NUMBER	PART I	D97/12	ø/117			
	PART 2					
	TORTION (PIN					
A. MAIN UNITS	3 2	1 Ø	359	358	357	
FWD UNIT	.002 .001 .	ø . ø	• Ø	.002	2 .003	
AFT UNIT	.003 .001 .	Ø . Ø	• Ø	.002	2 .003	
B. HORIZON CAM	ERAS (MM)	FWD		AF:	r	
	PORT		STAR	PORT	STAR	
(RADIAL) 10 DEC	GREES .020		.020	.010	.010	
20 DE	GREES .Ø6	Ø	.060	.040	.030	
(TANGENTIAL) MA	X VECTOR .Ø	15		.030	.015	.020
4. CAMERA A	NGLES			Di	EG •	MIN.
A. ANGLE BETWE	EN PAN CAMERA	s		25	9	50.29
B. DEPRESSION	ANGLE BETWEEN					
HORIZON AN	D PAN CAMERAS		FWD	STAR	13	55.7
			FWD	POR T	15	12.0
			AFT	STAR	15	59.0
		•	AFT	POR T	15	52.9
C. ANGLE BETWE	EN STELLAR					
AND INDEX CAMER		PART	1		89	58.0
5. TIMING MARKS						
	MARKS WILL AP	ው የ የ	דער דיי	м лт	ለ የለተፍ ባ	F 200

FREQUENCY MARKS WILL APPEAR ON THE FILM AT A RATE OF 200 CYCYES PER SECOND.

6. IMAGE MOTION COMPENSATION DATA (CYCLE RATE (CPS), GROUND ANGULAR VELOCITY (GAV), AND PASSES WHERE USED).

REF. LEVEL		AMPL. LEVEL			PASSES	
NO.	CPS.	GAV.	NO.	CPS.	GAV.	
6	.3468	Ø314	5	Ø857	.0077	1D AND 4D
6	•3468	.0314	4	.0986	.0089	5D THRU 11D
6	.3468	.0314	3	.1110	.0100	13D THRU 87D

7. PROGRAM TIME DATA

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	CAMERA ON TIME	PROGRAM ON TIME	PR OGR AM
PASS	(ZULU TIME)	UP RAMP	DURATION
	DAY HR MIN SEC	SEC	SEC
1D	16 23 Ø4 32	1330	38
4D	17 Ø3 31 42	1146	88
5D	17 Ø5 Ø4 53	1293	55
6 D 1	17 Ø6 38 Ø7	1492	35
602	17 Ø6 42 44	1768	222
7 D	17 Ø8 Ø6 Ø1	1361	99
8D	17 09 32 38	1159	125
9A	17 10 43 42	47	47
9 D 1	17 11 03 46	1251	23
9D2	17 11 05 03	1329	26
9 D 3	17 11 09 45	1611	138
9D4	17 11 18 13	2119	74
1ØD	17 12 41 29	1694	27
11D	17 14 11 46	1713	22
13D	17 17 19 23	2 1 7 4	226
14 D	17 18 39 17	1571	62
16D 1	17 21 29 43	1004	27
16D2	17 21 39 14	1575	28
21D	18 Ø5 Ø7 58	15 12	111
22D	18 06 43 00	1818	56
2 3D	1 18 08 03 27	1250	77
2 3D	2 18 08 06 57	1460	100
24D	18 09 33 03	1230	44
25D I	18 11 03 40	1271	127
25D2	18 11 10 44	1695	152
2 6D	18 12 43 23	1859	39
29D	18 17 20 52	2322	102

3ØD 1	18	18 40	ØØ	1674	31
3ØD2	18	18 58	55	2809	123
36D	19	03 34	59	1437	102
3 7D 1	19	Ø5 Ø2	13	1227	79
37 D2	19	Ø5 Ø3	58	1332	117
37 D3	19	Ø5 Ø7	17	1531	101
38D	19	Ø6 31	56	12 14	78
3 9D	19	Ø8 Ø5	17	1436	284
4 ØD	19	Ø9 32	13	1283	76
4 1D	19	11 10	Ø4	1736	80
4 5 D	19	17 19	21	2316	259
48D	19	21 39	34	1748	37
52D	20	Ø3 31	42	1306	28
5 3D 1	20	Ø5 Ø4	Ø4	1455	95
53D2	20	Ø5 Ø 7	Ø6	1637	36
5 3D3	20	Ø5 23	16	2607	113
5 5D 1	20	Ø8 ØØ	35	1261	107
55D2	20	Ø8 Ø5	58	1584	213
56D	20	Ø9 29	21	1194	144
5 7D 1	20	11 Ø2	20	1381	187
5 7D2	20	11 Ø9	17	1798	61
57D3	20	11 19	ØØ	2381	173
58D	20	12 40	16	1864	122
5 9D	20	14 10	55	1912	56
6 3 D	20	20 08	15	1786	23
6 8D	21	Ø3 3Ø	18	1353	35
69D 1	21	Ø5 Ø3	Ø1	1525	25
69D2	21	Ø5 Ø4	52	1636	56
69D3	21	Ø5 22	12	2676	97
7 ØD	21	Ø6 31	51	14 65	49

7 1D 1	21	Ø7 59	39	1313	68
7 1D2	21	Ø8 Ø4	36	1610	132
7 1D3	21	Ø8 Ø8	25	1839	7 8
72D1	21	Ø9 27	52	1247	230
7 2D2	21	Ø9 32	28	1523	82
7 3D	21	11 Ø2	43	1546	75
74D1	21	12 37	21	1835	38
74D2	21	12 38	40	1915	65
7 7 D	21	17 16	Ø6	2391	232
79D	21	20 04	26	1714	23
84D	22	Ø3 27	22	1343	187
85D	22	Ø5 ØØ	34	1546	77
8 6D 1	22	Ø6 3Ø	15	1538	73
8 6D2	22	Ø6 3 2	43	1686	75
8 7D 1	22	Ø7 56	12	1307	157
8 7D2	22	Ø8 ØØ	30	15 65	82
87D3	22	Ø8 Ø2	49	1703	33

NOTE: ABOVE DATA APPLIES TO FWD UNIT ONLY. ADD 12 SECONDS TO OBTAIN START TIMES OF AFT UNIT.

8. TIME CORRELATION (MILLISECONDS)

PASS	CLOCK TIME	SYSTEM TIME	DIFFERENCE
8	470276.367	33040.7505	
16	515122.526	77886.9188	.009
24	19766.481	33001.7945	.010
32	64636.025	77871.3483	.010
40	106105.231	32940.5637	.009
48	150988.270	77823.6130	.010
56	192418.117	32853.4699	.010
63	231940.148	72375.5105	.010
73	284619.026	38654.4017	.013

74 318190.727 72226.1113 .009

88 365130.512 32765.9087

.012

NOTE: ALL "DIFFERENCE" VALUES ARE MINUS.

GP-1

TOPSECRET

-END OF MESSAGE-

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25X1